

The Wobbly Oscillator

Cuyahoga Amateur Radio Society

July 2021 Volume 51 Number 7

A Successful Field Day

Summer Picnic July 30th

From The Prez

Stealth Antennas

With so many people inhabiting homes governed by Home Owners Associations (HOAs), condominiums, or apartments that prohibit antennas, the subject of stealth antennas has become a really hot topic. I am planning to do a meeting presentation on the matter in the very near future. I might add that moving certain antennas indoors can also reduce or eliminate the chance of a lightning strike like I recently experienced.

I am requesting any members who have installed or studied stealth antennas to contribute to a discussion we will have at the July meeting. All input will be welcomed and appreciated. My Elmer, and former CARS member, Gordon, AI8Y, and I are experimenting with various antennas and concepts as this is being written. I would like to have a presentation ready for the August meeting.

Equipment Pool

It looks like the idea of having a pool of tools and equipment is taking off. The items which comprise the assemblage are ones that some club members possess and are willing to lend to other members who may need the tool for a one time usage and cannot justify the expense of buying or renting it for a single application. In certain cases the owner of the device would feel more comfortable accompanying it for obvious reasons. In any event, the tool or piece of equipment would be available to club members who may need it.



*Andy, KD8SCV, and
Joe, NC8J, made for a
perfect summer scene.*

*Bob, K8RGI, gave a splendid
presentation on Field Day.*



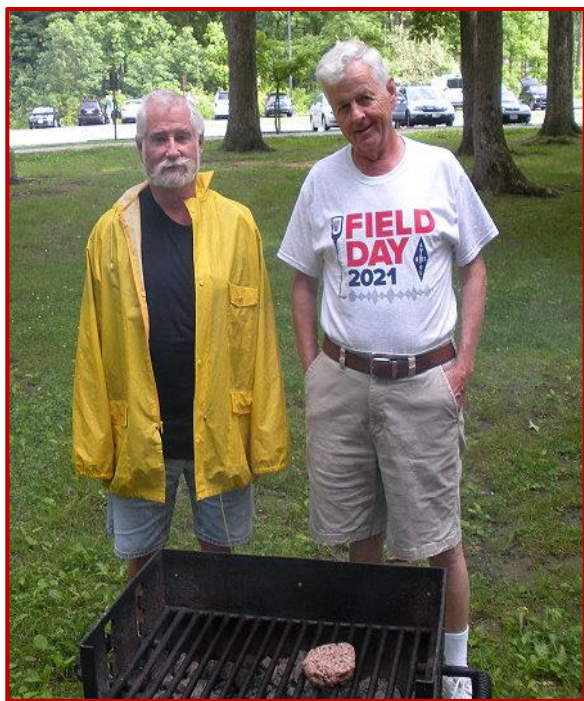
So far, the list includes a coax cable end crimper, an air cannon for installing wire antennas in tall trees, an antenna analyzer, a gin pole, ground rod driver, hole saws, fish tapes, and ladders. Any member who has a tool or piece of equipment to add, please contact me so we can expand the list. We will discuss this at the next meeting and add any items at that time.

If possible, we may be able to set up an equipment list and contact information on the website. For now, I have a list of everything available and the members who have offered it. Until we set up a more sophisticated system, I will be the go-between. I am always available 24-7-366.

Picnic

Our annual Summer Picnic is back on the schedule after a year's hiatus. We have already reserved the Kiwanis pavilion in Independence. The event is FREE to CARS members, their families, and friends. We've scheduled it for a Friday evening, which has proven to be the most popular day. The date will be July 30th, and we will start at 5:00 PM. Please see the attached flyer for more details and make your reservations soon.

73, Toby, WT80



It's anyone's guess what was going through the minds of Terry, KB8DTC and Bob, K8RGI, as they watched the lone burger sizzle on the grille.

July Birthdays

George Pindroh, KSKR	7/5/42
Jim Bis, NSFND	7/9/45
Arp Viilberg, KSARP	7/12/54
Shawn Cresante, KESRMV	7/23/86
Bill Savage, WASGEO	7/27/40
Rich Williams, NW8X	7/30/37

I keep six honest serving-men
(They taught me all I knew);
Their names are What and Why and When
And How and Where and Who.

Rudyard Kipling

June Meeting Minutes

June 8, 2021

LOCATION---The meeting was held in The Harriet Keeler Pavilion in the Brecksville Reservation of the Cleveland Metroparks. The meeting was also available via Zoom and on the club repeater.

CALLED TO ORDER---The meeting was called to order by President Toby Kolman, WT8O, at 7:30 PM.

PLEDGE OF ALLEGIANCE---Those present pledged allegiance to the flag of the United States of America.

INTRODUCTIONS---Those present, as well as those on Zoom and on the club repeater, introduced themselves.

MAY MINUTES---The May minutes were approved as published in the *Wobbly Oscillator*.

TREASURER'S REPORT---Bob Check, W8GC, reported that current financial information was sent to board members earlier today. The club scholarship has been awarded and is planned to be presented during the next meeting. Bob, W8GC, and Toby, WT8O, are finalizing the membership list. Please make sure to send any updates to your address, phone number or license class.

PRESIDENT'S REPORT---Toby Kolman, WT8O:

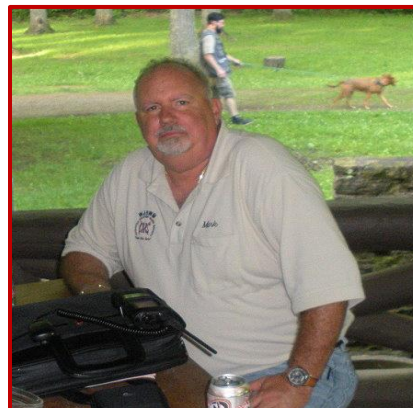
- Check antennas for safety - grounds and lightning arrestors. Mark, WJ8WM, is available to answer any questions about this.
- Memorial Day Parade went well. Thank you to everyone for their help.
- Toby thanked those that contributed to the *Wobbly Oscillator*, particularly the pictures. Please send submissions for the *Wobbly Oscillator* to Toby.
- Toby asked for suggestions to improve the club. No suggestions were provided.
- The tool and equipment pool is available for club members. A coax crimping tool and an air cannon are available.

VICE PRESIDENT'S REPORT---Mark Moro, WJ8WM, reported that the club will have a picnic on Friday, July 30, at 5:00 PM at the Kiwanis Pavilion in Independence.

SECRETARY'S REPORT---Ed Stevens, WB8ROK, had nothing to report.

NEW MEMBER---A new member, Richard Robbins, W8ARR, was voted into the club.

PUBLIC SERVICE---Eddie, KD8FTS, reported that n8esg.org has many public service events listed. The Pan Ohio Hope Ride will occur July 22-25. It will take place near Columbus and Cleveland area hams are needed to help. Lodging will be provided.



Mark, WJ8WM, gets ready for the meeting. Shawn, KE8RMV, and Obi (the wonder dog) in the background.



Linda, K8LRS, former CARS member and VE team member made the scene.

VE UPDATE---Metro, W8MET, reported that the next CARS VE Session will be on Sunday, July 11, 2021 at the Masonic Lodge in Westlake. *[The location has been changed to the Old Elmwood Recreation Center, Independence. Ed.]*

PROGRAM COMMITTEE---Joe, KD8BAL, thanked Bob, K8RGI, for presenting on Field Day today. In July, there will be a video on RF exposure.

TECH COMMITTEE---Scott, AC8NW, had nothing new to report.

FIELD DAY---Bob, K8RGI, reported his presentation following the meeting would explain the club's plan for Field Day and he would answer any additional questions.

NEW BUSINESS---George brought up attending Hamvention in Dayton in 2022 on a club rented bus. Toby, WT8O, responded that the club would pursue the bus rental.

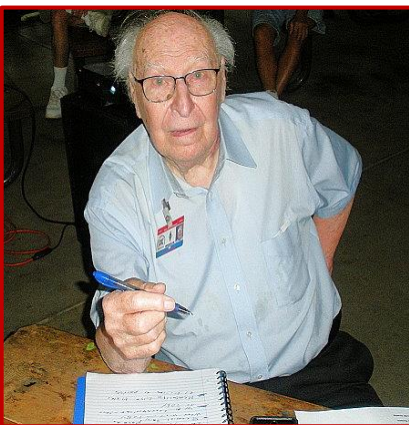
NEXT MEETING---The next meeting of The Cuyahoga Amateur Radio Society will be on July 13, 2021. The meeting will once again be held in The Harriet Keeler Pavilion in the Brecksville Reservation of the Cleveland Metroparks.

50/50 DRAWING---The 50/50 drawing was won by Scott, AC8NW.

ADJOURNMENT---The meeting was adjourned at 8:10 PM.

After the meeting, Bob Robbins, K8RGI, gave a presentation on Field Day.

Submitted by Matt Perlman, KE8OZU, CARS Assistant Secretary



Ed, WB8ROK, was ready to get the minutes into the record.



The warm weather brought us a nice turnout for the June meeting.



As usual, Ron, K8RJH, did a masterful job getting the meeting up on Zoom and the repeater.

**Next CARS
Meeting**
Tuesday, July 13
7:30 PM
**Harriet Keeler Picnic
Area Brecksville
Reservation**
Fire going at 6:00 PM
Meeting Program:
Amateur Radio
RF Exposure

Field Day 2021 Bob, K8RGI

Field Day 2021 is over, and the calls are in the logs. We had 14 people who made contacts and logged them and two people who tried but did not make any contacts. They will still contribute to the overall score by filing there logs electronically.

As a group we made 1,332 CW contacts, 536 Phone contacts, and 2,240 Digital contacts for a total of 4,117 contacts. Our raw score, including the power multiplier but without bonuses is 15,436 points. We will not have a final score until after we have all submitted our logs to the ARRL. I estimate it will be above 17,000.

There was a lot of contact between stations during the contest on Zoom and 2 meters. 15 and 10 meters were wide open and provided quite a few contacts. It was also fun to monitor the Score Server and track everyone's progress.

My thanks to all who participated and made this a successful event.

Attached are pictures of some of the operators, our Zoom session just before the contest, and the final screen shot of the Score Server.

Field Day 2022 is the weekend of June 25th and 26th. Make plans to be a part of it.



Andy, KD8SCV



Bob, K8RGI



Joe, NC8J



Joe, KD8BAL



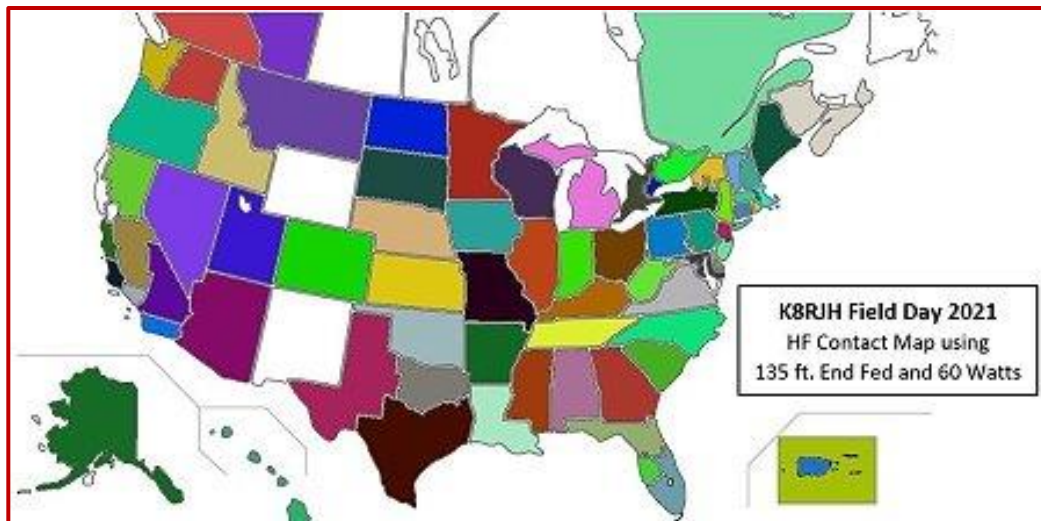
Linda, N8LRS, &
Metro, W8MET

Joe, KD8BAL
and Officer
Thomas Rigby
of the Seven
Hills PD. (R)





Some of the participants on a Zoom meeting just before the contest.



End Feds Do Work! This is a mapping of Field Day Sections Worked by Ron, K8RJH in this year's Field Day by using 60 watts and the End Fed Antenna described in the May 2021 edition of the CARS WO Newsletter. This antenna performed well and logged contacts in 61 of the 71 ARRL Sections. Out of all the 50 States, only 2 (New Mexico and Wyoming) did not have contact entries logged by Ron in this year's Field Day Event.

A total of 512 contacts were logged on FT4, FT8 and CW across the 5 HF Bands (10 through 80 meters) by just using this single antenna. This shows that an End Fed antenna design may be considered as good option for a budget conscious HF station installation, or just a second antenna offering a different radiation pattern.

The resulting performance shows that even a simple classic antenna can give enjoyable HF operation and yet be competitive as a Field day station.

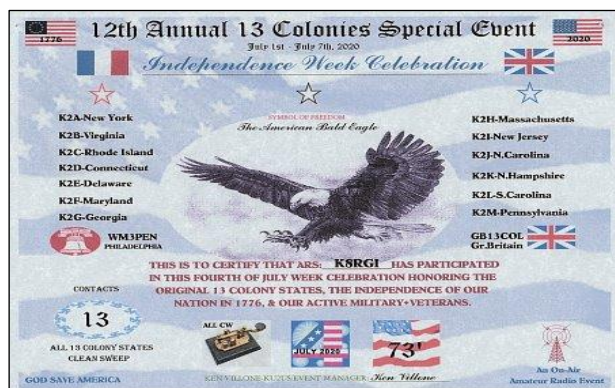
13 Colonies Special Event Bob, K8RGI

The 13th annual 13 Colonies Special Event this year starts on July 1st at 9:00 AM EDT (1300 UTC) and ends on July 7th at 12:00 PM EDT (0400 UTC). This is a popular event that has been growing every year. It is a celebration that honors the original 13 colonies and our nation's independence in 1776. There will be stations on the air representing the original 13 British colonies with 1 x 1 call signs, plus three bonus stations. The colony call signs go from K2A through K2M. The bonus stations this year are WM3PEN in Philadelphia, GB13COL in England, and TM13COL in France.

The object is to work as many of these stations as possible on CW, SSB, or Digital. All amateur bands, including the WARC bands, will be in use except 60 meters. The exchange is your call sign, RS(T) and state.

Whether you work one station or all the stations, a Clean Sweep, you are eligible for a certificate as shown below. They change every year. There are also endorsements for all CW contacts and for a Clean Sweep. All they ask for is a \$5.00 donation.

Complete information can be found at <http://www.13colonies.us>
They have downloadable PDF log sheets and an Automated Form Generator for log submission.



Sarah Kolman 2021 Scholarship Winner Toby, WT80

With pride and appreciation I am happy to announce my granddaughter, Sarah Kolman, is the winner of the 2021 CARS scholarship. Sarah lives in Oro Valley, Arizona, a suburb of Tucson. She graduated from Ironwood Ridge High School in May with a grade point average of 3.5.

Sarah will start classes this fall at Northern Arizona University and major in Digital Media and Business. Her long range goal is to start her own business. She is most appreciative of the scholarship and if timing is right hopes to attend our July meeting and receive her check personally.

July Net Sked

July 7 N8OWS
July 14 AC8NW
July 21 KD8AC0
July 28 KC8ESG

**Nets are run every Wednesday at
9:00 PM on:**

146.820 (PL 110.9)

443.825 (+) PL Tone 131.8
Digital Yaesu Fusion
Linked to 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

NOARS Hamfest

We are excited to announce that NOARSfest 2021 is on Saturday, July 17, 2021, from 9:00 AM to 1:00 PM. The vendor setup starts at 7:00 AM.

We are attaching the flyer with all the information needed to plan your visit. Please advise your membership of the excellent news. Tables are going fast, so call or email now if you wish to reserve tables.

We are looking forward to seeing you there.

73,
NOARS Hamfest Committee

NASA Report Bob, KC8MRC

NASA signed a contract to have three large payloads landed on the moon; two on the near side and one the far side. No date has been set yet.

The core stage for Artemis 1 has been stacked onto a crawler transporter along with the two solid rocket boosters at the Kennedy Space Center. According to NASA, a plywood satellite will be launched into orbit from the Rocket Lab's launch pad in New Zealand in the fall to test whether or not wood produces can survive in space.

The Boeing Starliner is scheduled to launch at 2:53 PM on July 30, 2021 on an Atlas 5 for the orbital flight test number two, to test the Starliner for the full mission of up to ten days in orbit, five of which docked to the International Space Station and deliver 220 pounds of supplies before returning to earth.

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC

Elected 2/10/15

Thomas Wayne, WB8N

Elected 1/10/17

Dwaine Modock, K8ME, SK

Elected 5/9/17

Toby Kolman, WT8O

Elected 10/10/17

Jerry Smith, NW9H

Elected 5/8/18

Ron Borkey, K8VJG, SK

Elected 5/14/19

VE Session

The next VE testing session will be held Sunday, July 11th, at 9:00 AM at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net As always, walk-ins are welcome.

Mansfield Mid-Summer Trunkfest

CARS Repeaters

146.820 (-) PL Tone 110.9

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

Allstar Node 47067

EchoLink Node 343470 (K8ZFR-R)

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.82 Repeater

Brecksville

444.75 (+) Receive PL Tone 131.8

449.75 Transmit

Stand-alone Not Linked

Shaker Hts.

Start Date: 07/10/2021

End Date: 07/10/2021

Location: Richland County Fairgrounds

750 N. Home Road

Mansfield, OH 44901

Website: <http://WWW.IARC.CLUB>

Sponsor: Intercity Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 444.700+

DMR313920/443.100+PL.110.9

YSF/SIMPLEX 146.460

Public Contact: Danny Bailey , W8DLB

70 Euclid Street Shiloh, OH 44878

Phone: 419-541-8557

Email: W8DLB113@GMAIL.COM

The *Wobbly Oscillator* is a publication of the Cuyahoga Amateur Radio Society, P.O. Box 31264, Independence, Ohio, 44131-0264. Articles from this publication may be reprinted in any ham radio publication, provided that credit is given to this publication and the author, if known. All submissions should be emailed to: wt8o@att.net by the end of the month for publication in the next month's issue.

RadioSport

Contests

July 1, 0000 – 2359 **RAC Canada Day Contest** 1.8 – 144 CW Ph www.rac.ca
Exchange: RS(T), VE province/territory or serial

July 10, 1200 – July 11, 1200 **IARU HF World Championship** 108 – 28 CW Ph
arrl.org/iaru-hf-world-championship
Exchange: IARU HQ RS(T) + IARU Society, Non-IARU HQ RS(T) + ITU Zone

July 17, 1800 – July 18, 2100 **CQ Worldwide VHF Contest** 50, 144 CW Ph Dig www.cqwww-vhf.com
Exchange: 4-char grid square

Special Events Stations

July 3, 1400 – 2000 **K4RC** Williamsburg, VA **Colonial Williamsburg Special Event – 245th Anniversary of the Signing of the Declaration of Independence** 7.265 14.265 Certificate & QSL www.k4rc.net

July 11 – July 18, 0000 – 2300 **K9R** Vincennes, IN **Red Skelton Museum of Comedy Festival 2021**
Certificate & QSL Frequencies TBD www.facebook.com/groups/368704358206875

July 18, 1300 – 2100 **KY8C** New Concord, OH **John Glenn's 100th Birthday Celebration-John Glenn Museum** 14.290 14.275 7.275 7.240 www.cambridgeareamakers.org

July 24, 1700 – 2100 **W8VP** Cambridge, OH **Ohio Salt Fork State Park 61st Anniversary**
7.235 14.245 Certificate www.w8vp.org

QSO Parties

July 17, 1800 – July 18, 0559 **North American QSO Party RTTY** 3.5 - 28 Dig www.ncjweb.com
Exchange: Name SPC (State, Province, DXCC Entity)

July 31, 1400 – Aug 1, 2000 **Missouri QSO Party** 1.8 – UHF CW Ph Dig www.w0ma.org
Exchange: RS(T), Missouri county or SPC

Sampling from July, 2021 *QST* - Pg. 73 and 84. See *QST* for many more events.

All times in GMT ZULU time.

15th ANNUAL CARS PICNIC

SAVE THE DATE: We are back after missing 2020 because of the Covid-19 Pandemic. Friday July 30, 2021 will be the 2021 CARS annual picnic. We will again be in the **Kiwanis Pavilion** behind the Independence Civic Center. We will serve hamburgers, hotdogs, brats, potato salad, Cole slaw plus all the trimmings. Desserts are welcome, feel free to bring one!

There will be a check-in on 146.820 with prizes starting at 5:00pm. We will have several door prizes for the winners of our drawings.

The picnic is FREE to all CARS members, family & friends!
All we ask is you tell us how many will be coming on or before Monday July 26th. Arrive anytime after 5:00pm to start eating about 5:30pm and food will be served till 6:00 or a little later if needed.

Toby, WT8O will present a check to our 2021 Scholarship Award winner.

We need to know how many will be coming PLEASE Email your numbers to Mark, WJ8WM at: mmoro001@ameritech.net or call 216-661-0342 ASAP!



CARS 2021 Officers & Committees

Audit

WJ8WM ** WT8O, KD8OUE

Audio/Video

AC8NW **

ARRL Liaison

WJ8WM **

Awards

W8GC ** WT8O

Christmas party & Summer Picnic

WJ8WM **, K8ARP, KD8FTU, KD8FTV

Club Photographer

N8OWS **

Field Day

K8RGI **, WT8O, WJ8WM, K8ARP, KD8SCV, AC8NW, AC8TN, WT8O, K8RJH, N8BBB food

50/50

KD8SCV

Hamvention Bus

KD8FTS **

License classes

KD8ACO **, WT8O, K8SHB

Media Representative

KD8SCV

Membership

WT8O ** W8GC

NET

WT8O **

Newsletter

WT8O ** 440-525-6109

wt8o@att.net

Programs at Meetings

KD8BAL ** KD8FTS, KE8OZU

Property Custodian's

KB8DTC records, W8GC equipment

Public Services

KD8FTS **, K8ARP

QSL Manager - W8HBI, W8BM

WB8N **

Refreshments at Meetings & Picnic

K8RJH ** pop, NW8X ** Donuts

Scholarship

W8GC ** WJ8WM, K8RGI, WB8ROK, WT8O

Sunshine (welfare)

Andy, KD8SCV ** 440-886-0723

Technical

AC8NW ** N8OVW, WJ8WM, KD8ACO, K8RJH, KB8DTC

VE Exams

Metro, W8MET ** 216-520-1320

Web Master/e-mail

W8GC **

** chairman or co-chairman

2021 Officers

PRESIDENT

Toby Kolman WT8O 440-525-6109

wt8o@att.net

VICE-PRESIDENT

Mark Moro, WJ8WM 216-661-0342

SECRETARY

Ed Stevens, WB8ROK 216-267-5473

Alternate Secretary: KE8OZU

TREASURER:

Bob Check W8GC 216-524-1750

Alternate Treasurer: Bob Robbins, K8RGI

Board Members & License Trustees

Board Chairman:

Mike Kemmett, KD8OUE 216-744-4636 c

Alternate Chairman:

K8ARP, Arp Viiberg

even year executive board 2 year term

AC8NW, KB8DTC, KD8OUE

odd year executive board 2 year term

K8RGI, K8ARP, K8RJH

License trustee

K8ZFR

WT8O

License trustee

W8HBI, W8BM,

W8GC



May 27, 2021

